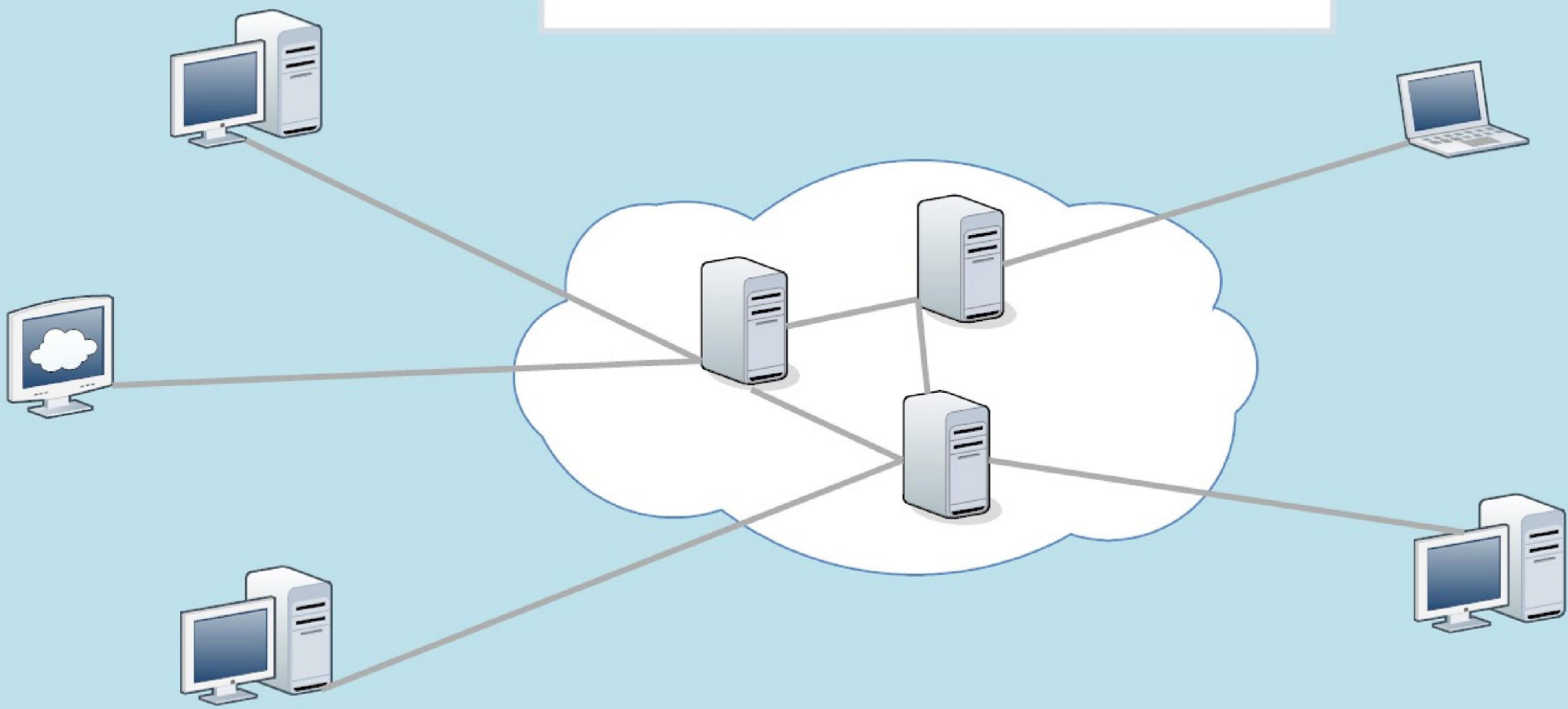


The Internet



IP Address (Internet Protocol Address)



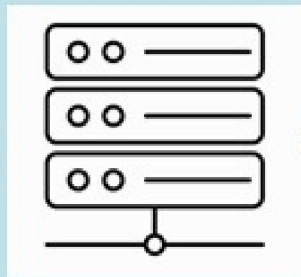
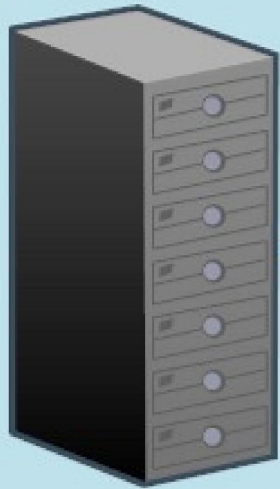
Physical Address: 123 Main St.



IP Address: 123.456.789.123

HYPERVISOR

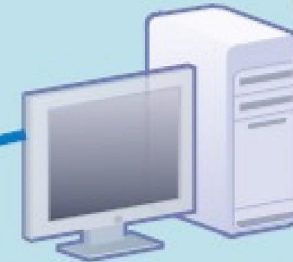
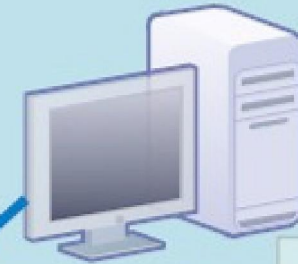
Physical
Server



Hypervisor

Instance
Metadata
Service

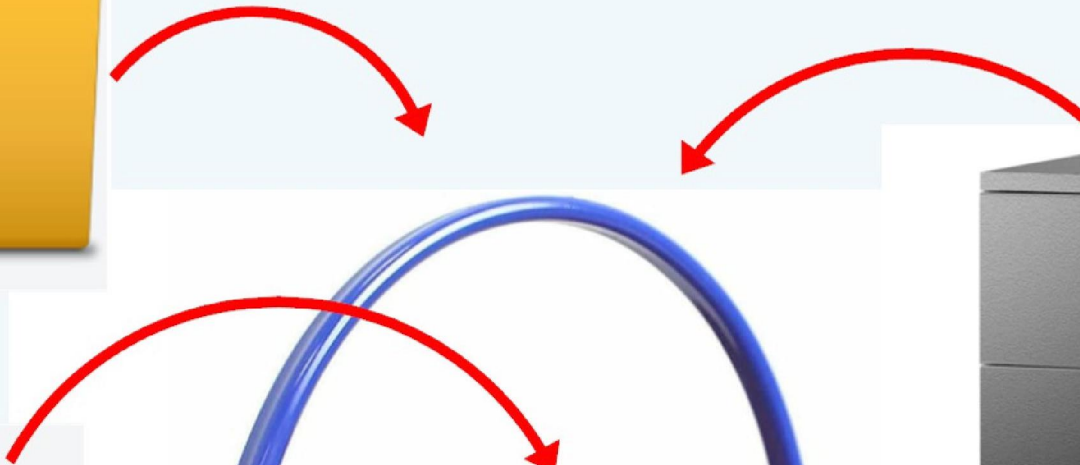
EC2
Instance



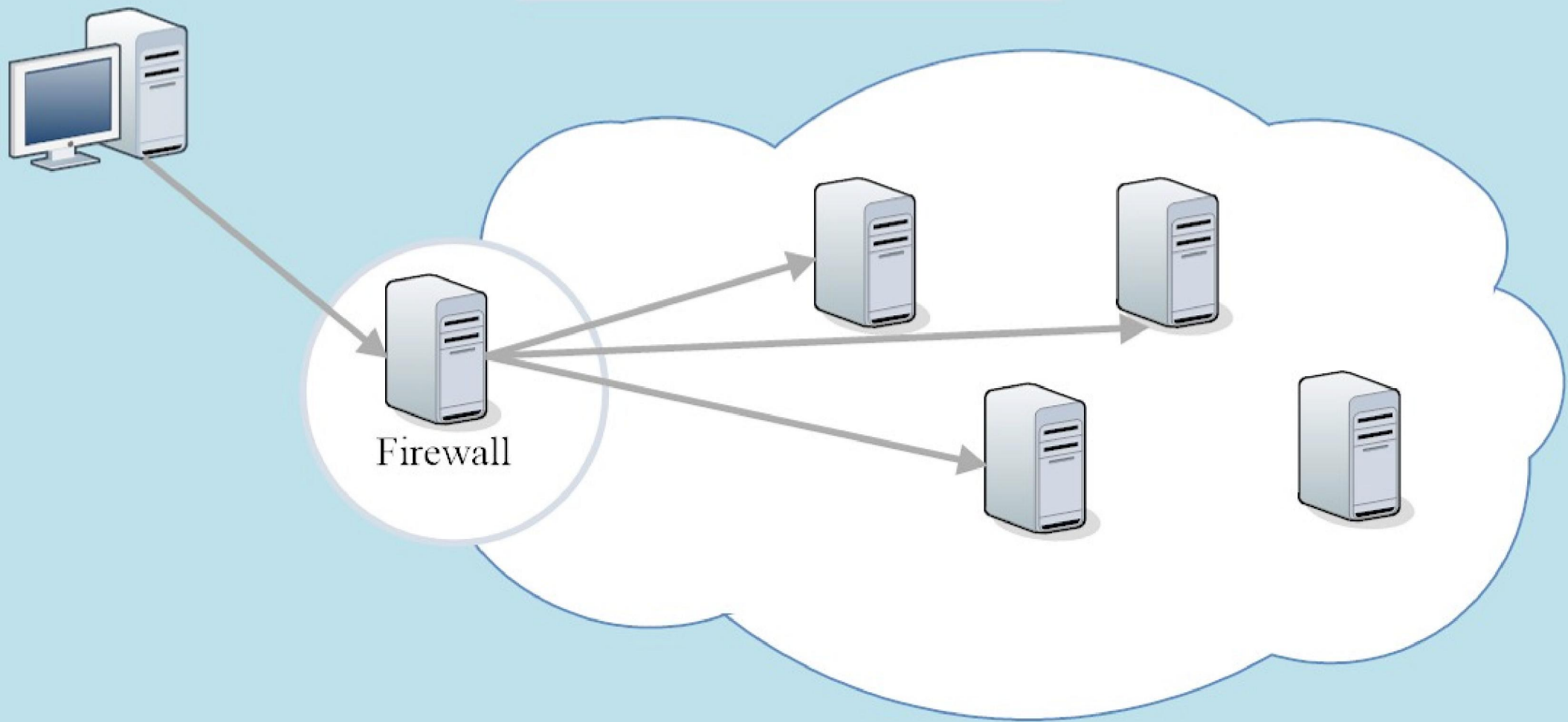
S3
Bucket



AMAZON S3 BUCKET



Firewall



IAM User Accounts and Roles

User Account



Role

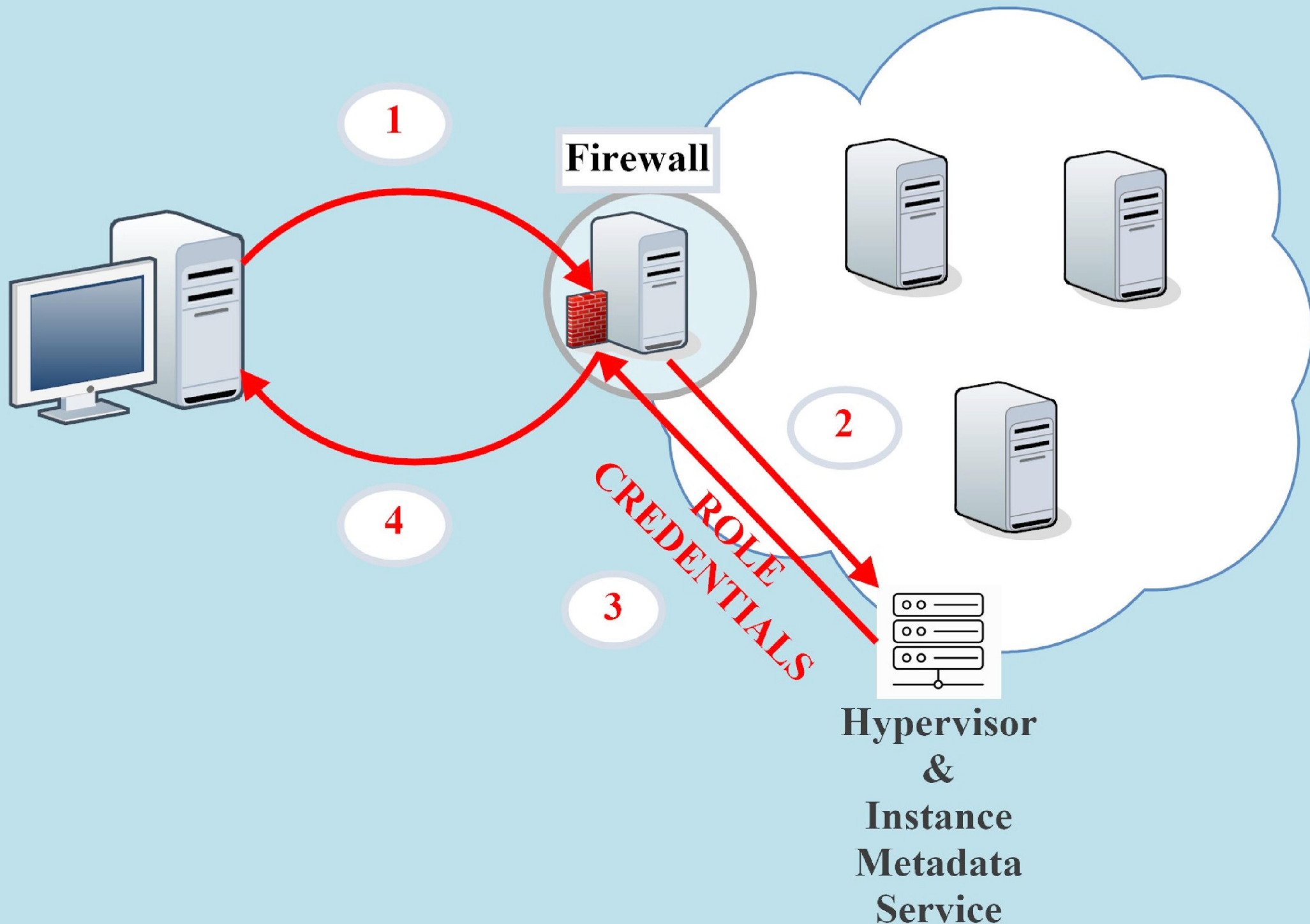
User Name

Role Name

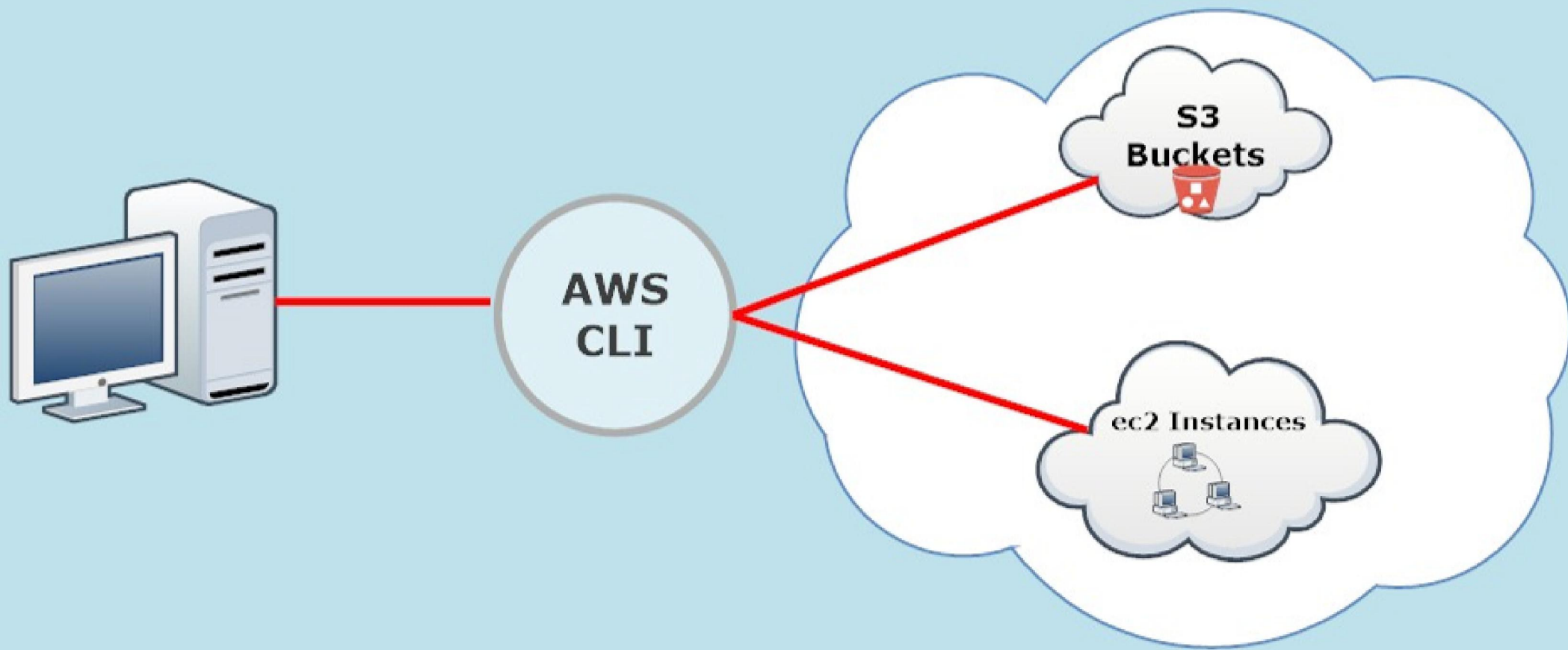
**Permanent Credential
(password,
key, or
token)**

**Temporary Credential
(access key,
secret access key, and
token)**

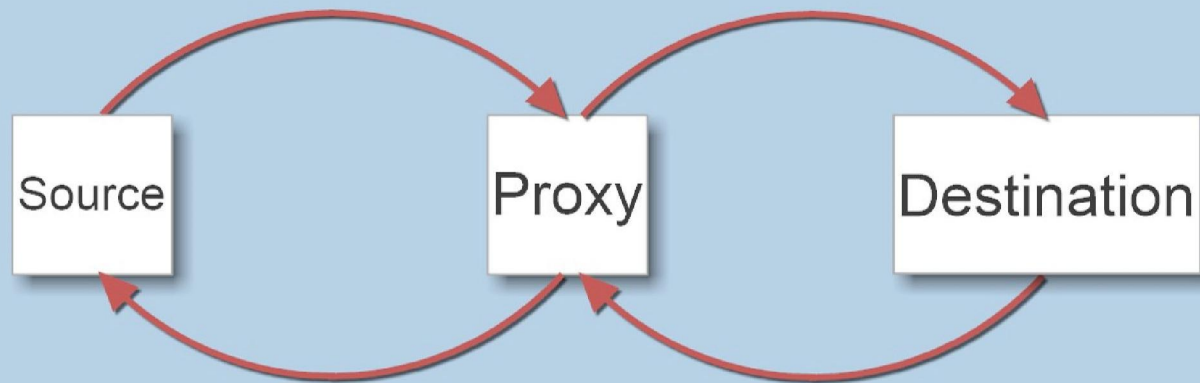
OBTAINING ROLE CREDENTIALS



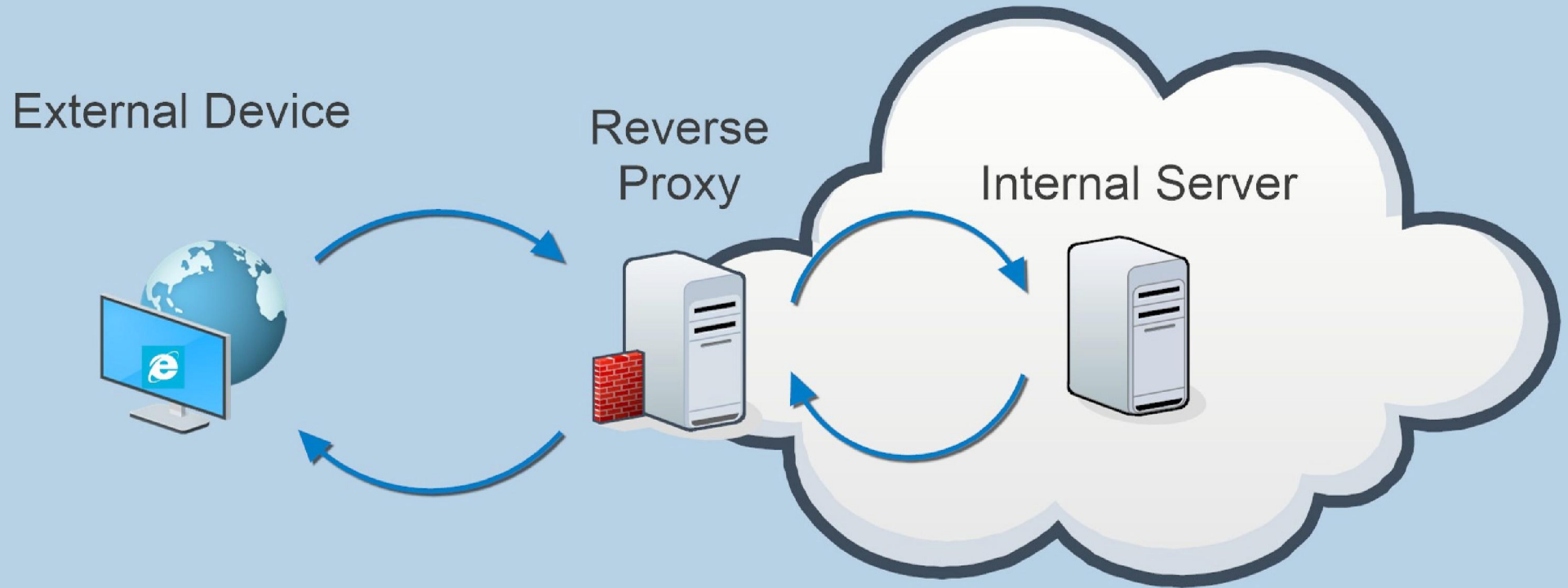
USING IAM ROLE CREDENTIALS



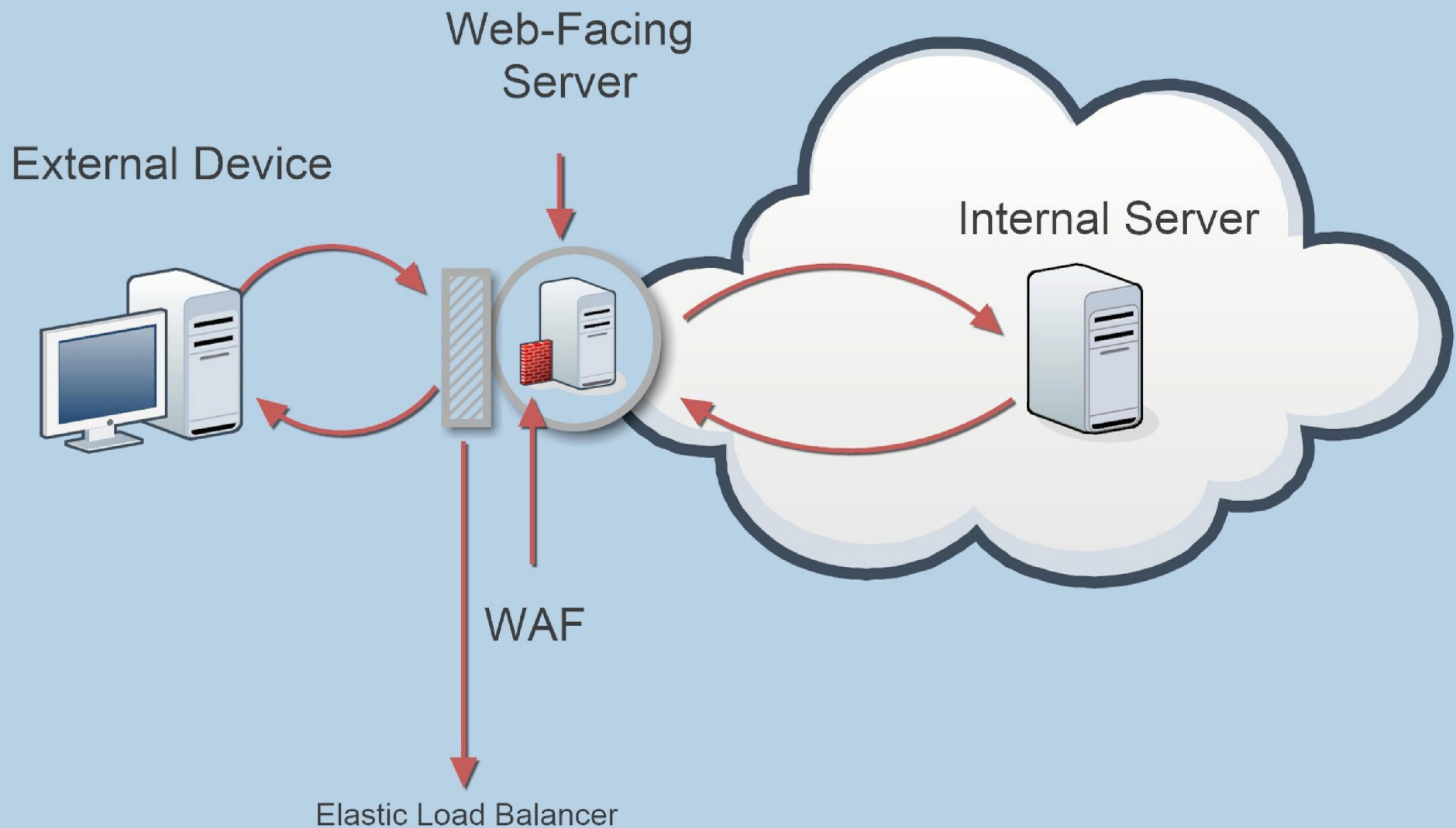
Proxy



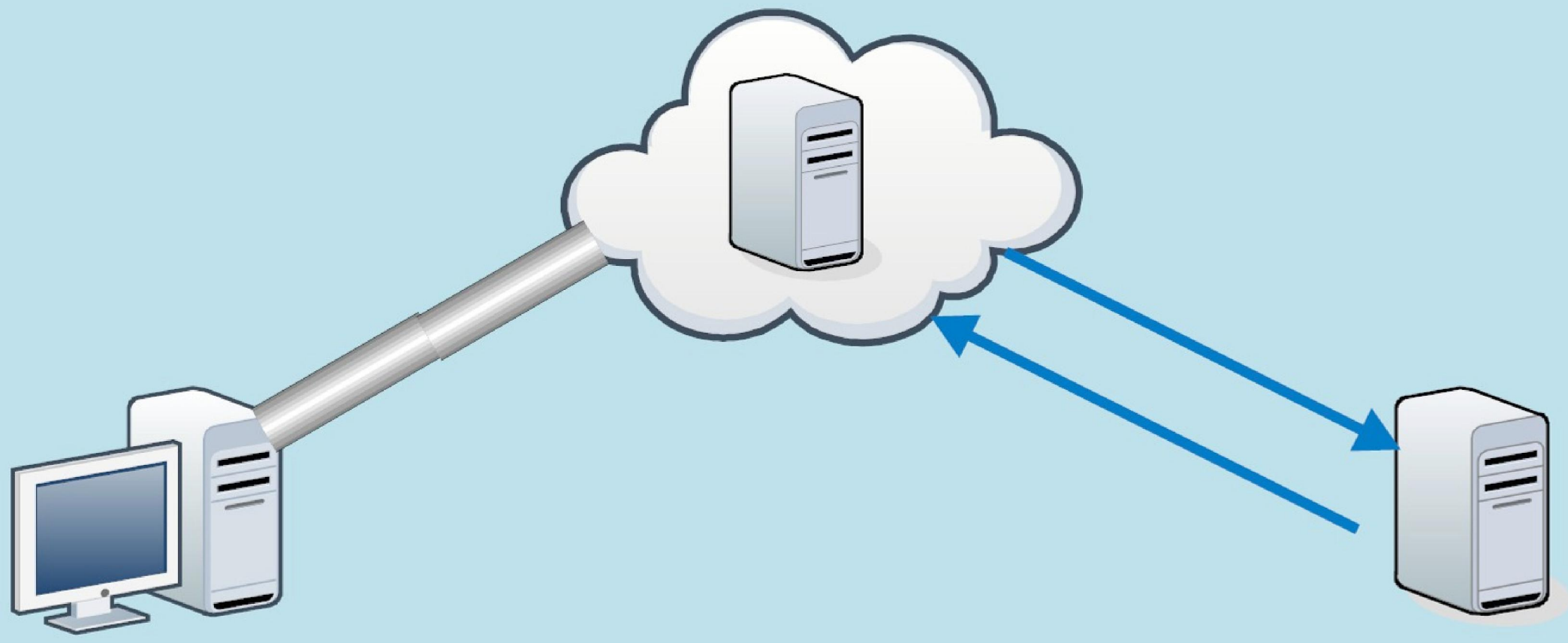
Reverse Proxy

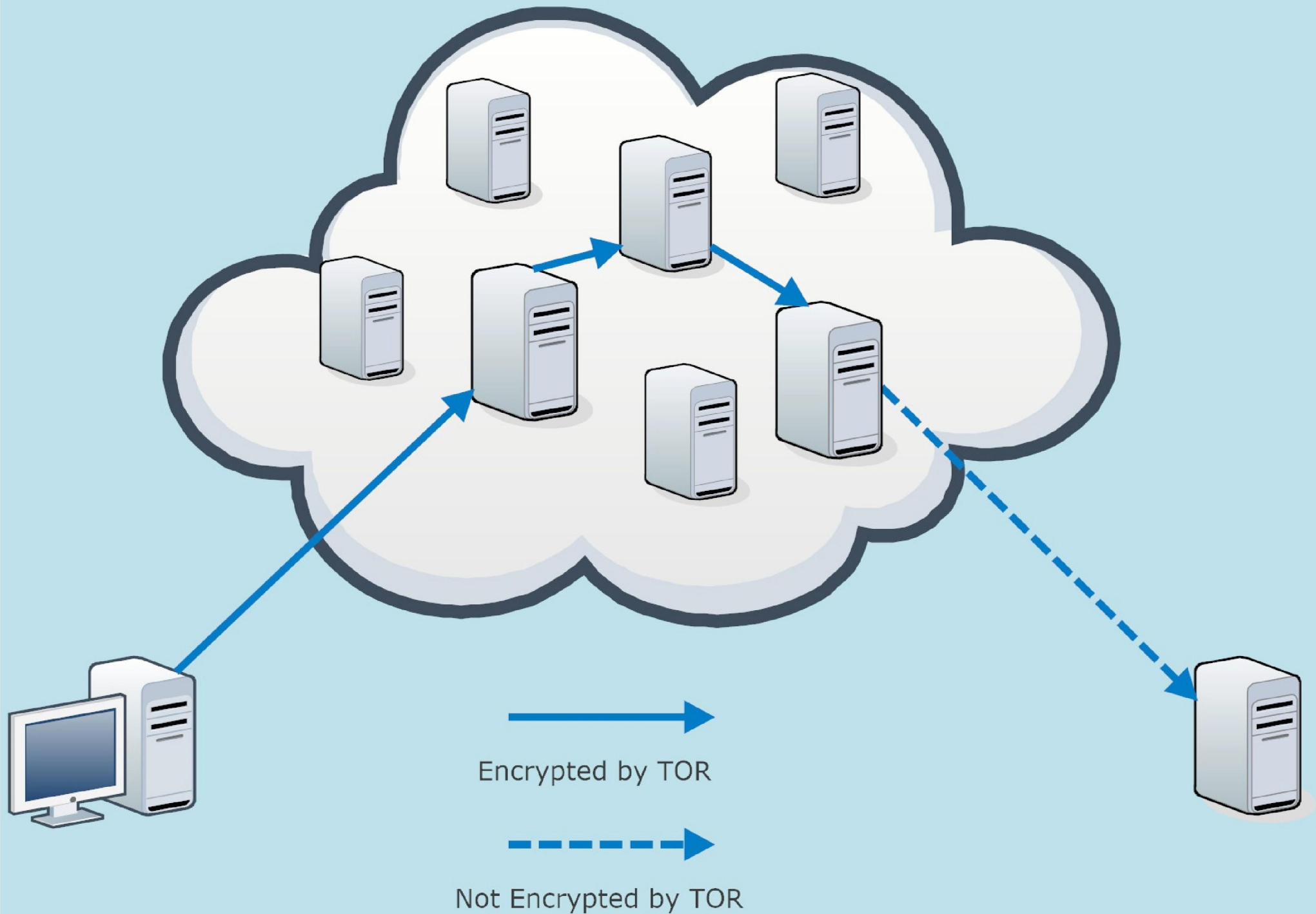


Web Application Firewall (WAF)

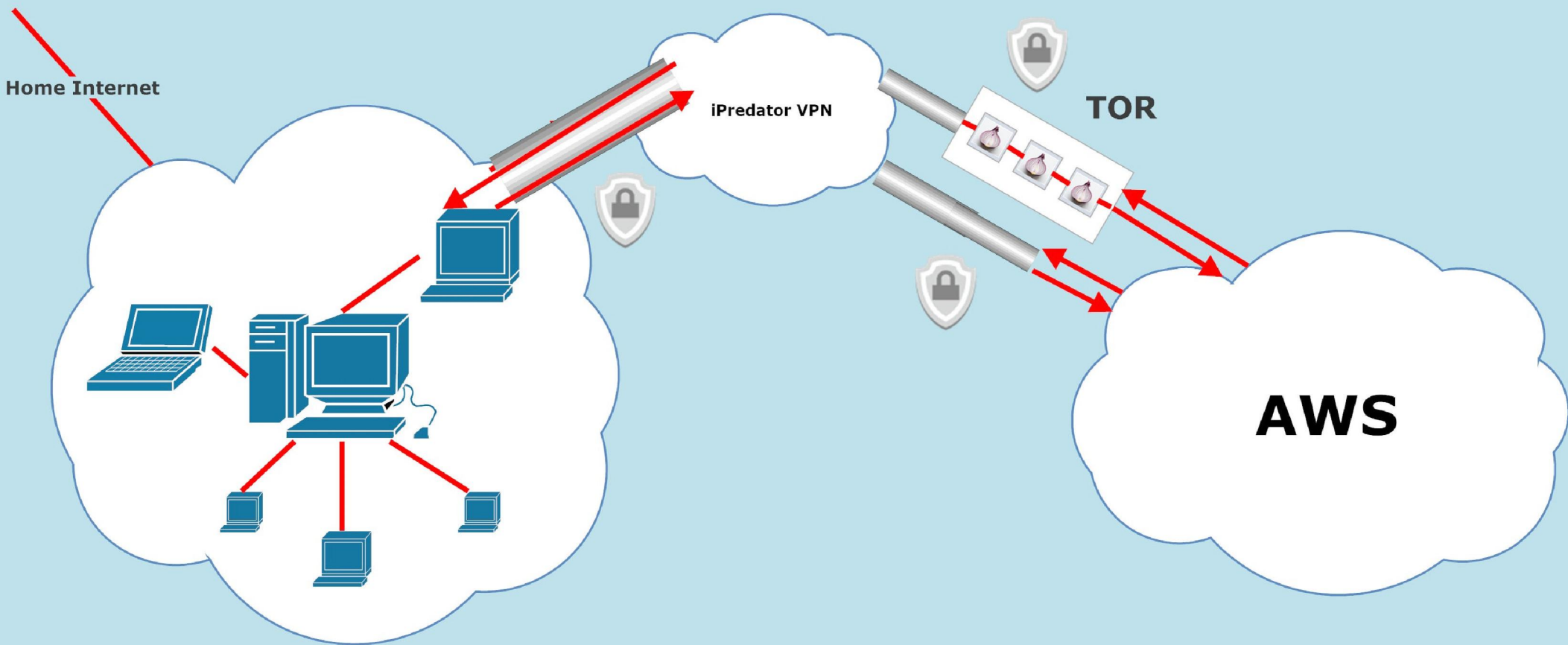


VIRTUAL PRIVATE NETWORK

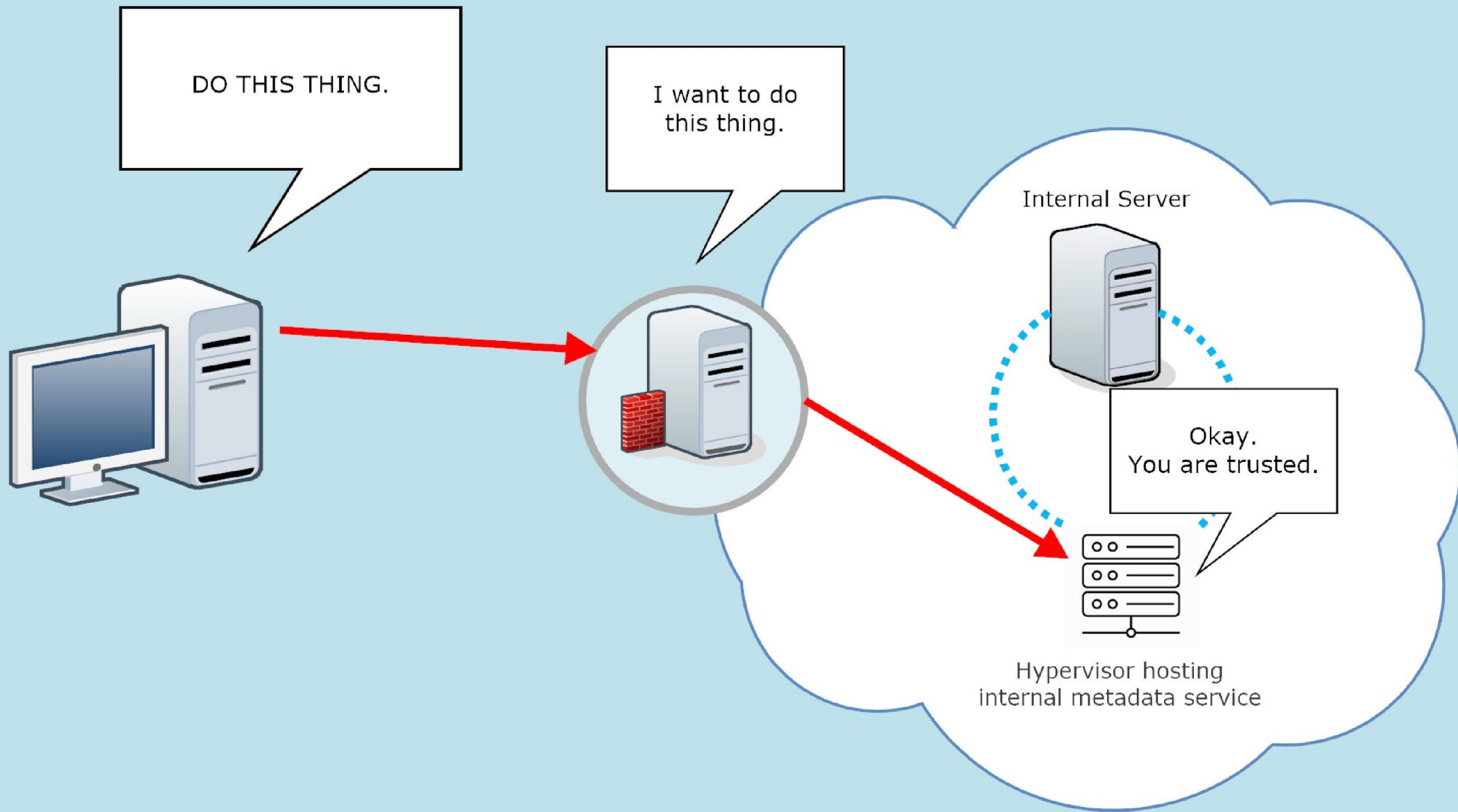




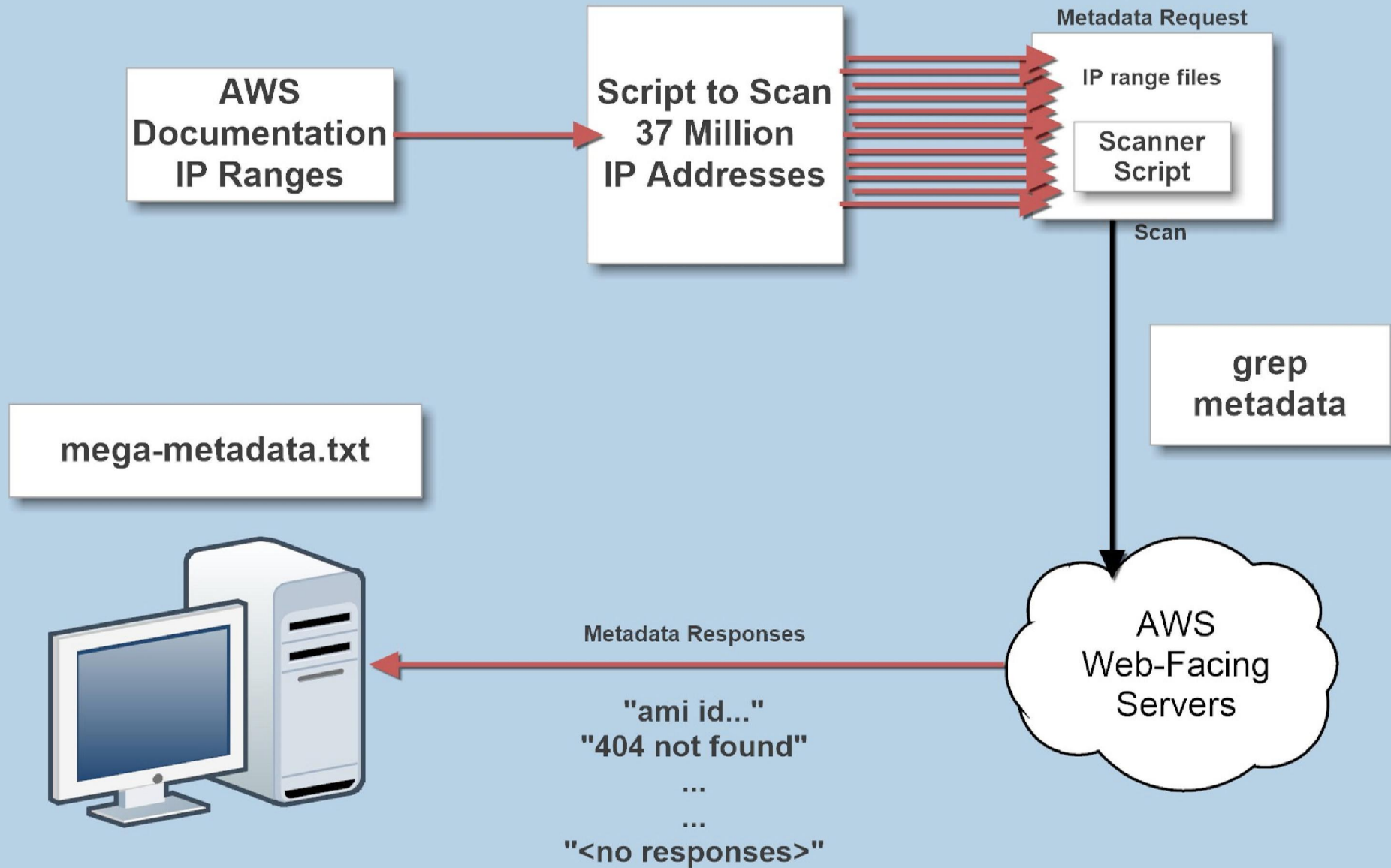
Thompson's iPredator VPN and TOR Setup



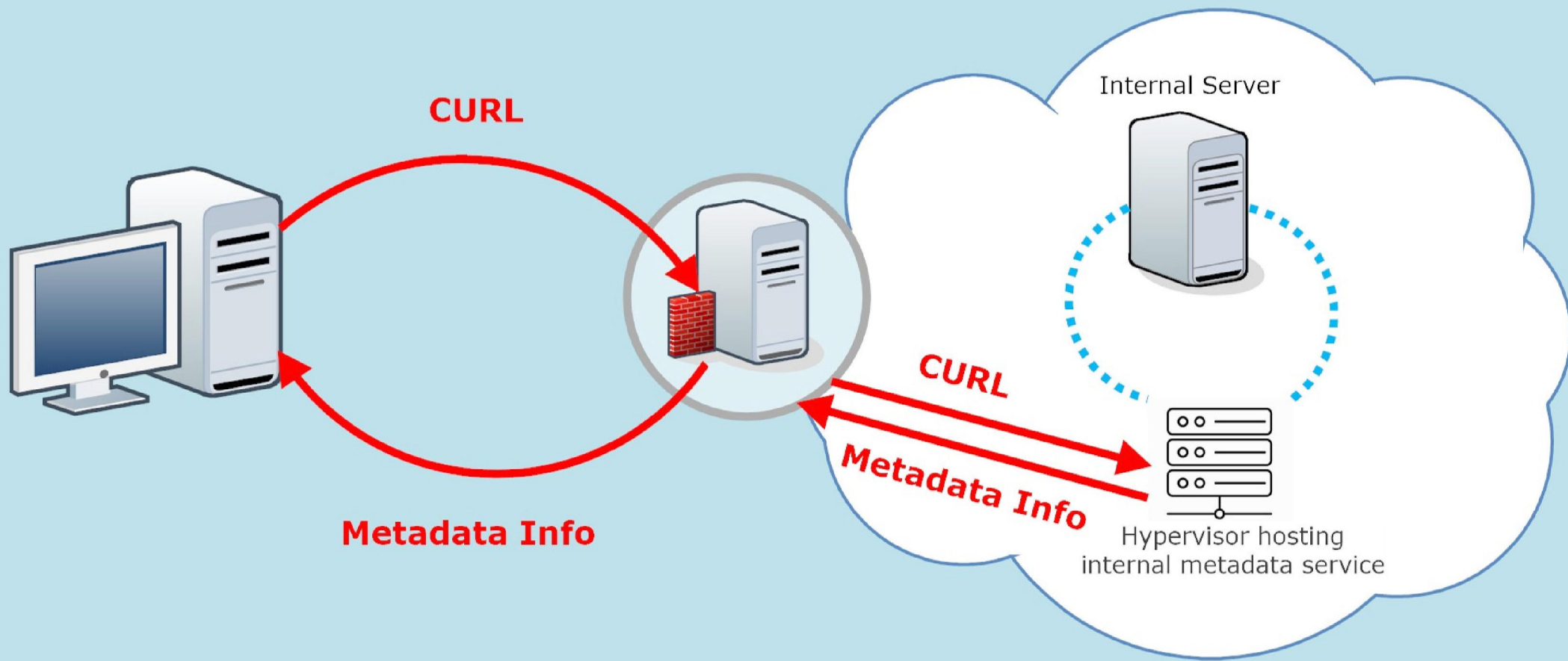
SERVER-SIDE REQUEST FORGERY



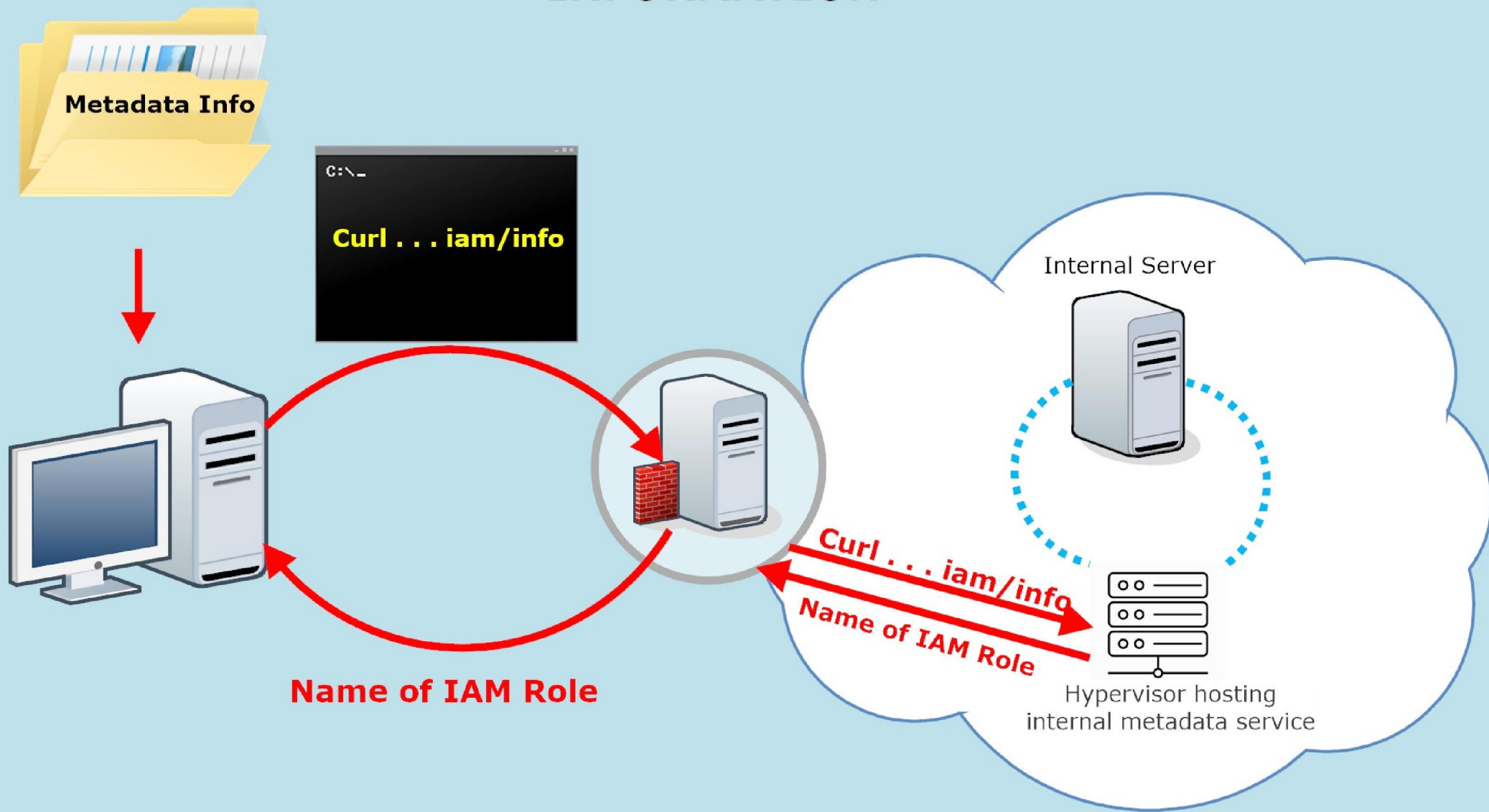
Proxy Scanner



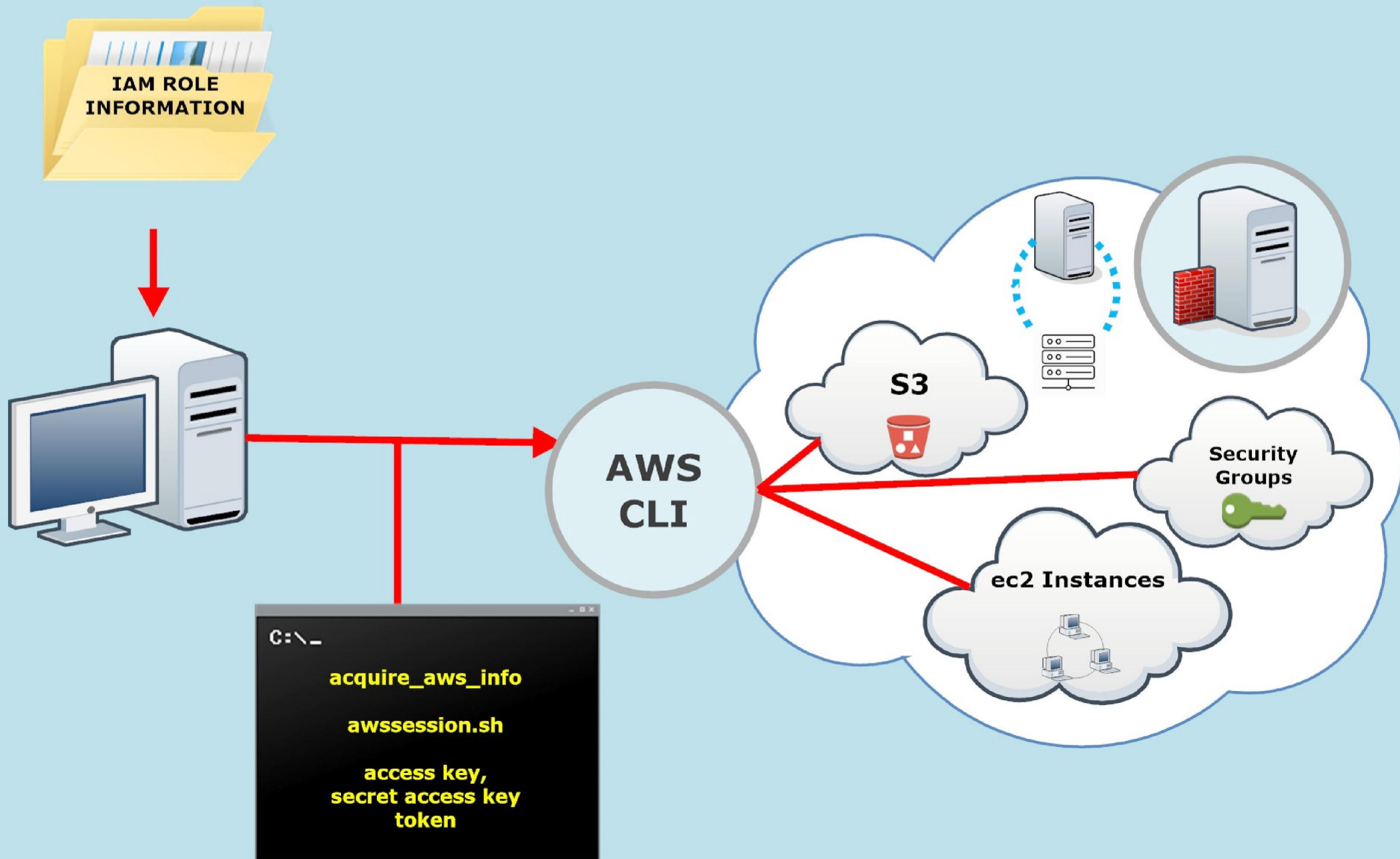
OBTAINING METADATA INFORMATION FROM INTERNAL METADATA SERVICE



OBTAINING IAM ROLE INFORMATION



USING IAM ROLE CREDENTIALS



CRYPTOJACKING

AWS

S3

EC2

SSH

Backdoor w/Keypair

C:_

minersetup_eth.sh

SSH = Secure Shell